

Please amend the paragraph beginning at line 13 of page 23 as follows:

Also found is that when concentration or average molecular weight of water soluble polymer is increased within the above predetermine range, the degree of mirror gloss G_s (85°) tends to increase correspondingly. In order to obtain an electrodeposited copper foil with low roughness surface having a degree of mirror gloss G_s (85°) of 100 or more, it is preferred to contain polyethylene glycol, sodium 3-mercapto-1-propane sulfonate, polyethyleneimine and chloride ions in the basic electrolyte, however, lacking of either one of these substances or concentration or average molecular weight beyond the aforementioned predetermine ranges will render the degree of mirror gloss G_s (85°) less than 100.

Please add the following Abstract to the application following page 25:

Abstract

An electrolytic copper foil with low roughness surface whose surface roughness (R_z) is 2.0 μm or less, the surface uniformly provided with low roughness without uneven surge, which

electrolytic copper foil exhibits a percent elongation of 10.0% or higher at 180°C. This electrolytic copper foil with low roughness surface can be obtained by a process for producing an electrolytic copper foil, comprising passing a direct current between an insoluble anode consisting of a titanium plate coated with a Platinum Group element or oxide thereof and a titanium drum as a cathode counter to the anode in an electrolyte of an aqueous solution of sulfuric acid/copper sulfate, wherein the electrolyte contains an oxyethylene surfactant a polyethyleneimine or derivative thereof, a sulfonate of active organosulfer compound and chloride ions.